Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 30 Apr 2023 until 23:59 on Monday 01 May 2023

Forecast Issued on Sunday 30 Apr 2023 at 02:56

Confidence: High for the dull and damp start Sunday, but only moderate for afternoon sunshine and shower detail. High for a warmer, more settled outlook period. Confidence remaining low with cloud detail, and in timings of rain on Thursday.

Headline for Sunday 30 Apr 2023: Cloudy with outbreaks of rain, breaking to slow-moving heavy showers this afternoon.

Mountain weather hazards on Sunday 30 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light rain	Heavy rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability					
20%	40%	60%	70%	70%	10%

Forecast for Sunday 30 Apr 2023

Weather: Cloud thickening through the morning with outbreaks of rain spreading east, heavy at times. Cloud and rain then clearing to give some bright spells this afternoon but also further heavy showers, these are likely to be slow-moving and may turn thundery with a risk of hail. Showers gradually easing during the evening.

Chance of cloud-free hill tops above 600m: 40%, but 60% in the east at first. Increasing to 60% widely.

Low cloud and visibility: Occasional cloud obscuring tops above around 500m. Some western slopes could see lower bases initially. Bases lifting above summits by late morning, perhaps falling to shroud higher routes about 600m in any showers. Good visibility, but moderate in rain and becoming poor during any drizzle or heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 30 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 S	17/24 S	17/24 S	16/23 S	14/20 SW	10/15 SW	10/15 SW
300	12/19 S	12/18 S	14/20 S	13/20 S	10/16 S	8/15 SW	6/12 SW
Valley	7/19 S	7/16 S	9/18 S	9/18 S	7/15 S	5/13 SW	5/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/5	9/5	9/5	8/5	8/5	8/5	7/4
300	10/8	10/8	11/8	11/8	11/9	10/8	8/7
Valley	11/9	11/10	12/10	11/9	11/10	10/9	9/8
Freezing Level*	2000m	1900m	1900m	2000m	1900m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The best of the conditions will likely be during the early morning, but soon deteriorating as outbreaks of rain set-in. Waterproofs may become soaked at times and watercourses may become swollen.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 30 Apr 2023	0mm	1.4mm	3.4mm

Forecast for Monday 01 May 2023

Weather: Showers and outbreaks of drizzle continuing through the early hours, but gradually easing. Sunny spells follow into the afternoon, but also a few showers may develop. These lighter and less widespread than on Sunday. Showers easing by mid-afternoon. However cloud may thicken from the north later lowering onto eastern slopes.

Maximum wind: Northwesterly 10-20mph, isolated gusts 30mph during the afternoon.

Chance of cloud-free hill tops above 600m: 40% during early hours, improving to 90% by midday. Falling to 40% in the east during the late afternoon and evening.

Low cloud and visibility: Occasional cloud obscuring routes above 500m during the morning, lifting above the summits during the morning. Patches of cloud lowering to 400m across some eastern hills later in the day. Good to very good views likely away from cloud, especially during the afternoon, only falling to moderate with any isolated showers.

Temperature: **Valleys:** Plus 7 Celsius rising to Plus 17 Celsius
At 600m: Plus 8 Celsius
Freezing level: Above the summits

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